## **EAST Search History**

## **EAST Search History (Prior Art)**

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20070144634").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/30 10:56
S3	1	("20020098107").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/30 12:17
S4	1	("5626694").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/30 15:07
S5	1	("6231807").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/30 15:11
S7	814	148/325.ccls.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:07
S8	202	420/61.ccls.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:08
S9	95	420/63.ccls.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:08
S10	344	420/67.ccls.	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:08
S12	399	"148".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:10
S13	122	148/325.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:10
S14	33	420/61.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:11

S15	13	420/63.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:11
S16	34	420/67.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:11
S17	480	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/01/30 16:11
S18	175	precipitated (W or tungsten)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:36
S19	27	precipitated (W or tungsten) and steel	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:36
S20	12	precipitated (W or tungsten) and steel and (chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:36
S21	1356	(precipitat\$3 with (W or tungsten)) and steel and (chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:41
S24	578	(precipitat\$3 with (W or tungsten)) and steel and (chromium or Cr) and roll \$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:41
<b>S</b> 25	269	(precipitat\$3 with (W or tungsten)) and steel and (chromium or Cr) and roll \$3 and anneal\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:42

S26	92	(precipitat\$3 with (W or tungsten)) and steel and (chromium or Cr) and roll \$3 and anneal\$3 and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:42
S27	43	(precipitat\$3 with (W or tungsten)) and steel and (chromium or Cr) and roll \$3 and anneal\$3 and coefficient and ferrit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 12:42
S28	1	"2003063994"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 13:00
S29	1	"20030063994"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 13:00
S30	10	"6129999"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 14:07
S31	1	"5626694"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 14:09
S32	3	(US-20030063994-\$).did. or (US-5626694-\$ or US- 6129999-\$).did.	US-PGPUB; USPAT	ADJ	ON	2008/12/16 14:26
S33	1	S32 and precipit\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 14:27
S34	1	S32 and coefficient	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 14:27
S35	2	S32 and anneal\$5	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 14:27
S37	2	("2003/0063994").URPN.	USPAT	ADJ	ON	2008/12/16 15:04
S38	1	"6776956"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 15:05
S39	3	("4726853"   "6086689"   "6294131").PN. OR ("6776956").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/12/16 15:05

S40	31	precipitated (W or tungsten) and (chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 15:25
S41	2	"5792285"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:14
S42	2	"6168756"	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:15
S43	1171	miyazaki.in. and atsushi.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:16
S44	149	miyazaki.in. and atsushi.in. and steel	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:17
S45	35	miyazaki.in. and atsushi.in. and steel and (tungsten or W)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:17
S46	34	miyazaki.in. and atsushi.in. and steel and (tungsten or W) and (chromium or Cr)	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:17
S47	25	miyazaki.in. and atsushi.in. and steel and (tungsten or W) and (chromium or Cr) and ferrit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:17
S48	31	kato.in. and yasushi.in. and steel and (tungsten or W) and (chromium or Cr) and ferrit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/16 16:27
S49	66	furukimi.in. and osamu.in. and steel and (tungsten or W) and (chromium or Cr) and ferrit\$3	US-PGPUB; USPAT; USOCR; EPO; JPO	ADJ	ON	2008/12/17 10:07
S50	505	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/12/17 14:02

S51	37	420/67.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/12/17 14:02
S52	14	420/63.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/12/17 14:03
S53	36	420/61.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/12/17 14:03
S54	127	148/325.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2008/12/17 14:03
S55	1636	420/61,63,67.ccls. or 148/325.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:39
S56	8846	(carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe or steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:39
S57	298	S55 and S56	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:40
S58	225	S57 and ferrit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:40

S59	125	S58 and anneal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:40
S60	94	S59 and roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:40
S61	21	S60 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:42
S62	152	S58 and precipitat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:49
S63	21	S58 and precipitat\$3 near4 (tungsten or W)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 15:49
S64	522	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:01
S65	435	"148".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:02
S66	2043	S56 and ferrit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 16:02
S67	657	S66 and anneal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 16:03
S68	485	S67 and roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 16:03
S69	119	S68 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2009/07/13 16:03

S70	522	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:04
S71	38	420/67.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:04
S72	14	420/63.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:04
S73	38	420/61.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:04
S74	128	148/325.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2009/07/13 16:05
S75	1658	420/61,63,67.ccls. or 148/325.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:16
S76	9208	(carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe or steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:16

S77	301	S75 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:16
S78	227	S77 and ferrit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:16
S79	127	S78 and anneal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:17
S80	96	S79 and roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:17
S81	22	S80 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:17
S82	154	S78 and precipitat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:17
S83	21	S78 and precipitat\$3 near4 (tungsten or W)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:17
S84	537	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:18
S85	447	"148".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:18
S86	2172	S76 and ferrit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:18
S87	710	S86 and anneal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:18

S88	533	S87 and roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:18
S89	146	S88 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/03/19 16:18
S90	537	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:19
S91	38	420/67.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:19
S92	14	420/63.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:20
S93	40	420/61.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:20
S94	128	148/325.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/03/19 16:20
S95	7	"7806993"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 11:25

S96	6	"7806993".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 11:26
S97	1692	420/61,63,67.ccls. or 148/325.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S98	9528	(carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe or steel)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S99	315	S97 and S98	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S100	240	S99 and ferrit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S101	137	S100 and anneal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S102	103	S101 and roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S103	25	S102 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:06
S104	166	S100 and precipitat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:07
S105	23	S100 and precipitat\$3 near4 (tungsten or W)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:07
S106	564	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:07

S107	473	"148".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:07
S108	2279	S98 and ferrit\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:08
S109	758	S108 and anneal\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:08
S110	571	S109 and roll\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:08
S111	163	S110 and exhaust	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	ADJ	ON	2010/10/04 17:08
S112	564	"420".clas. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:08
S113	40	420/67.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:08
S114	15	420/63.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:08

S115	47	420/61.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:08
S116	133	148/325.ccls. and ferrit\$5 and steel and ((carbon or C) same (manganese or Mn) same (chromium or Cr) same (nitrogen or N) same (silicon or Si) same (tungsten or W) same (iron or Fe))	US-PGPUB; USPAT; USOCR; EPO	ADJ	ON	2010/10/04 17:08

## **EAST Search History (Interference)**

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10/4/2010 5:16:40 PM

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